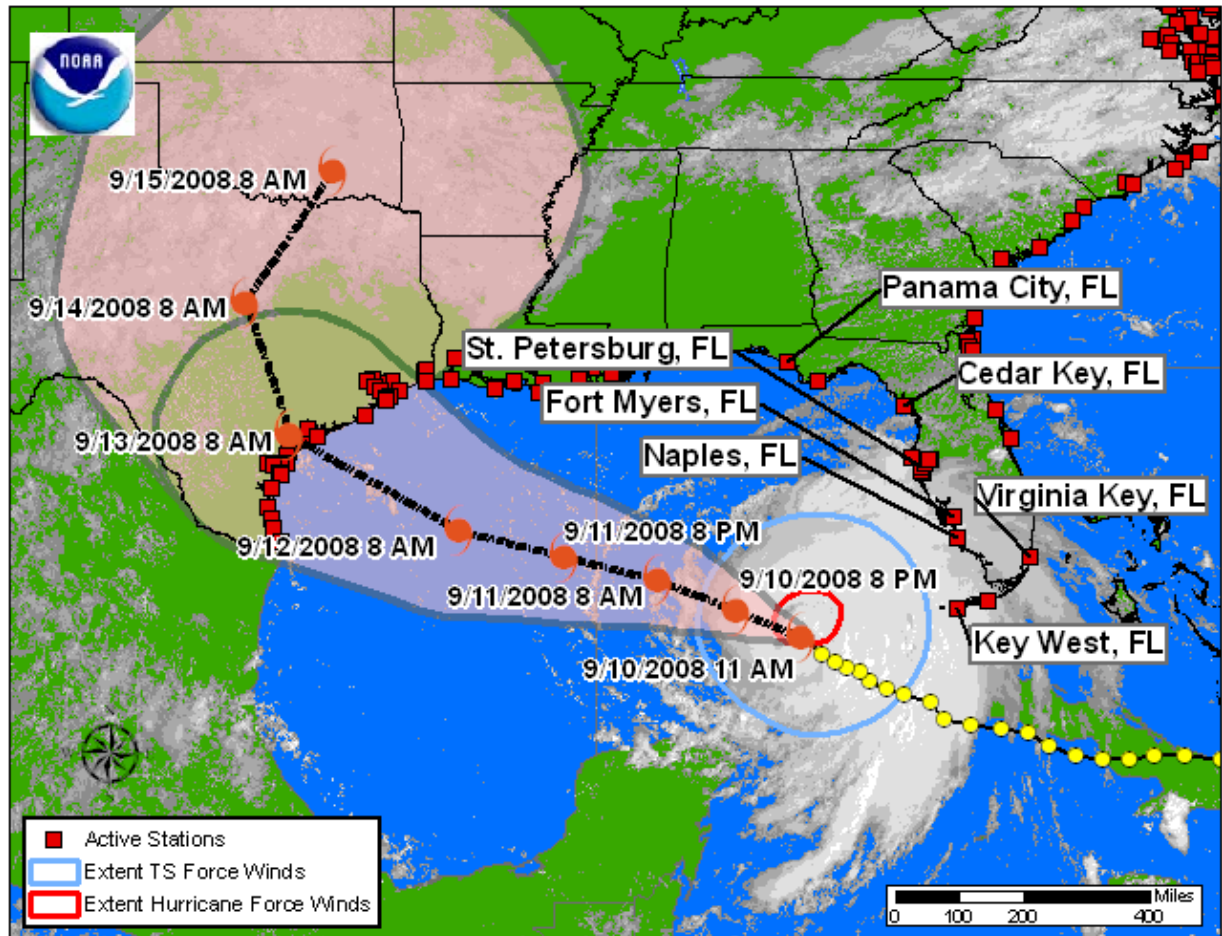


Hurricane IKE QuickLook
Posted: 12:00 EDT 09/10/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/10/2008 12:00 EDT, water levels are elevated from southern Florida to the Florida panhandle and range from 1.0 - 2.0 feet above predicted. Water levels are still increasing from Naples to Panama City, FL. Barometric pressure is rising at Key West.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.26 ft (0.39 m) at 09/10/2008 20:30 EDT.

Virginia Key, FL: Next predicted high tide is 2.2 ft (0.7 m) at 09/10/2008 18:19 EDT.

Naples, FL: Next predicted high tide is 2.42 ft (0.74 m) at 09/10/2008 23:12 EDT.

Fort Myers, FL: Next predicted high tide is 1.41 ft (0.43 m) at 09/10/2008 12:36 EDT.

St. Petersburg, FL: Next predicted high tide is 1.78 ft (0.54 m) at 09/11/2008 01:00 EDT.

Cedar Key, FL: Next predicted high tide is 3.00 ft (0.91 m) at 09/11/2008 00:42 EDT.

Panama City, FL: Next predicted high tide is 1.81 ft (0.55 m) at 09/11/2008 06:00 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: TB

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IKE ADVISORY NUMBER 38

1100 AM EDT WED SEP 10 2008

...IKE GROWING IN SIZE AND STRENGTH IN THE SOUTHEASTERN GULF OF MEXICO

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE CUBAN PROVINCES

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM WEST OF KEY WEST TO THE DRY TORTUGAS.

AT 1100 AM EDT THE CENTER OF HURRICANE IKE WAS LOCATED NEAR ABOUT 225 MILES WEST-SOUTHWEST OF KEY WEST FLORIDA AND ABOUT 430 MILES SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.

ALTHOUGH THE CENTER OF IKE MOVED LITTLE OVER THE PAST FEW HOURS THE HURRICANE IS GENERALLY MOVING TOWARD THE WEST-NORTHWEST NEAR 8 MPH . A WEST-NORTHWESTWARD MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS WHICH WOULD TAKE IKE THROUGH THE CENTRAL GULF OF MEXICO.

MAXIMUM SUSTAINED WINDS ARE NOW NEAR 90 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. ADDITIONAL STRENGTHENING IS EXPECTED AND IKE COULD BE A MAJOR HURRICANE TOMORROW.

IKE IS A LARGE TROPICAL CYCLONE. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 80 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES.

COASTAL STORM SURGE FLOODING ALONG THE COASTS OF CUBA AND IN THE FLORIDA KEYS SHOULD SUBSIDE TODAY. ABOVE NORMAL TIDES OF 2 TO 4

FEET ARE ALREADY OCCURRING ALONG MUCH OF THE NORTH COAST OF THE GULF OF MEXICO.

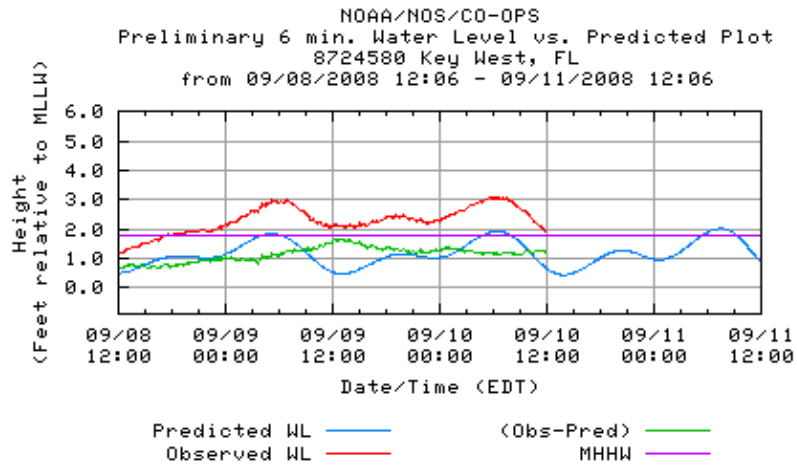
IKE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER WESTERN CUBA WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE. THESE RAINS ARE LIKELY TO CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN. ADDITIONAL RAINFALL AMOUNTS OF AN INCH OR SO ARE POSSIBLE OVER THE SOUTHWEST FLORIDA AND THE FLORIDA KEYS THROUGH THIS EVENING.

FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Fort Myers - Air/Water Temp](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [St. Petersburg - Air/Water Temp](#), [Cedar Key - Water Level](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Panama City - Air/Water Temp](#),

Key West, FL - Station Map [Return to List](#)

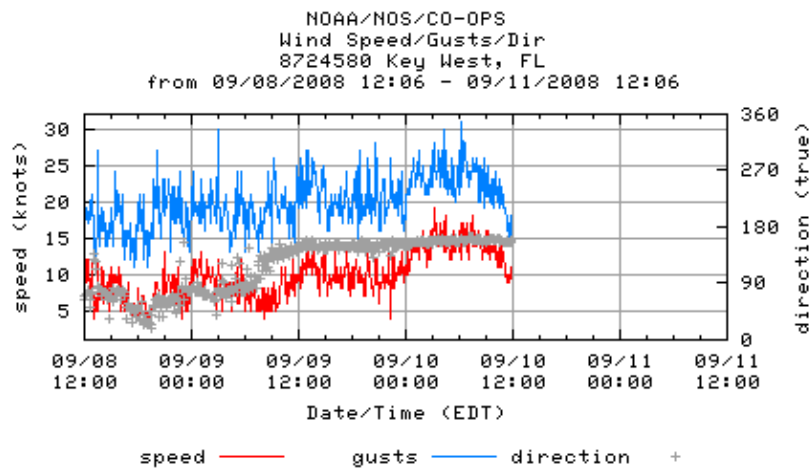


Last Observed Sample: 09/10/2008 11:54 (EDT)

Relative to **MLLW**: **Observed: 1.90 ft. Predicted: 0.70 ft. Residual: 1.20 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

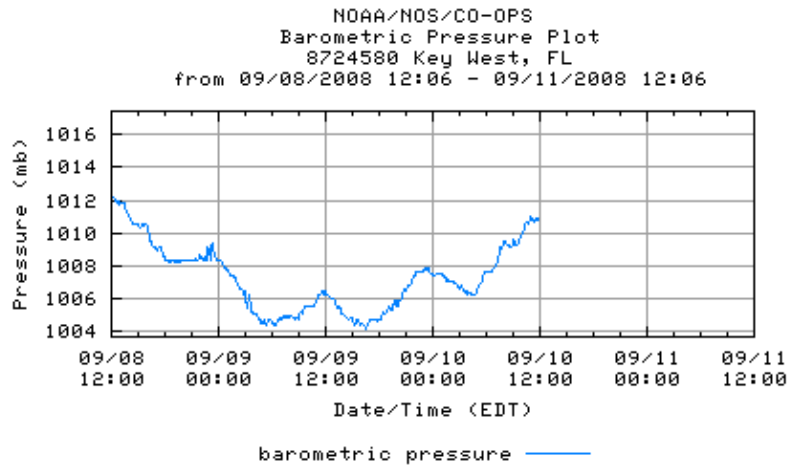
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 11:54 (EDT)

Wind Speed: 11 knots Gusts: 18 knots Direction: 157° T

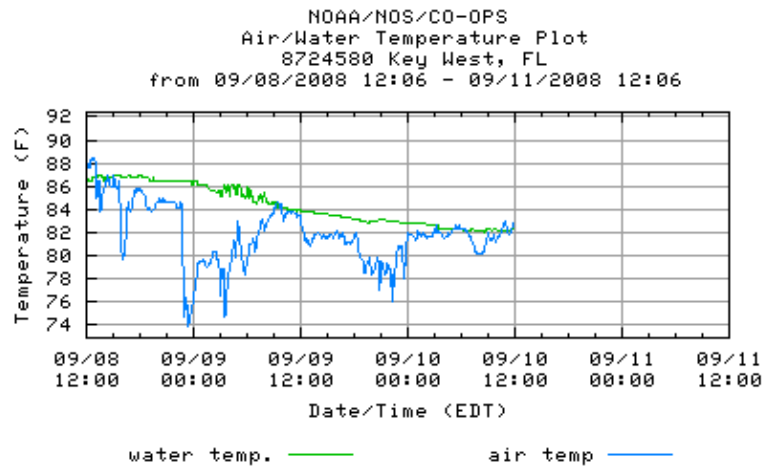
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 11:54 (EDT)

Barometric Pressure: 1010.8 mb

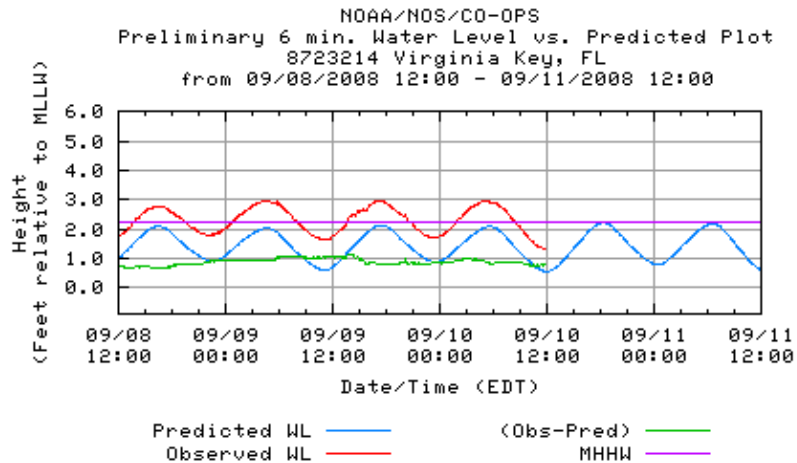
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 11:54 (EDT)

Water Temperature: 82.4° F Air Temperature: 82.8° F

Virginia Key, FL - Station Map [Return to List](#)

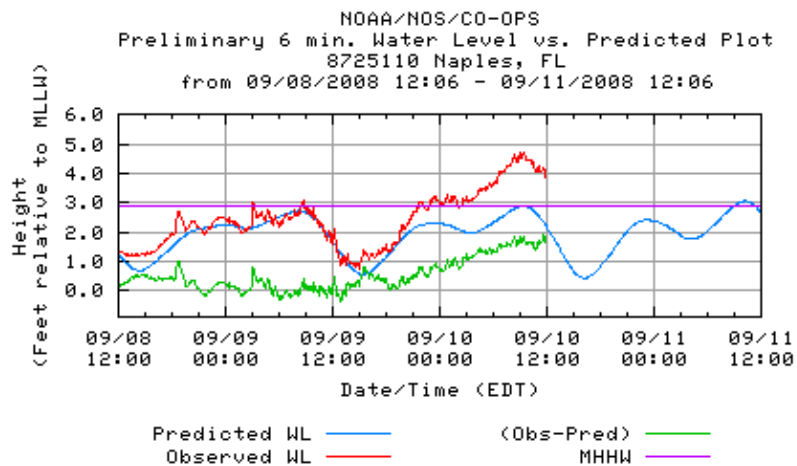


Last Observed Sample: 09/10/2008 11:48 (EDT)

Relative to **MLLW**: **Observed: 1.33 ft. Predicted: 0.56 ft. Residual: 0.77 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Naples, FL - Station Map [Return to List](#)

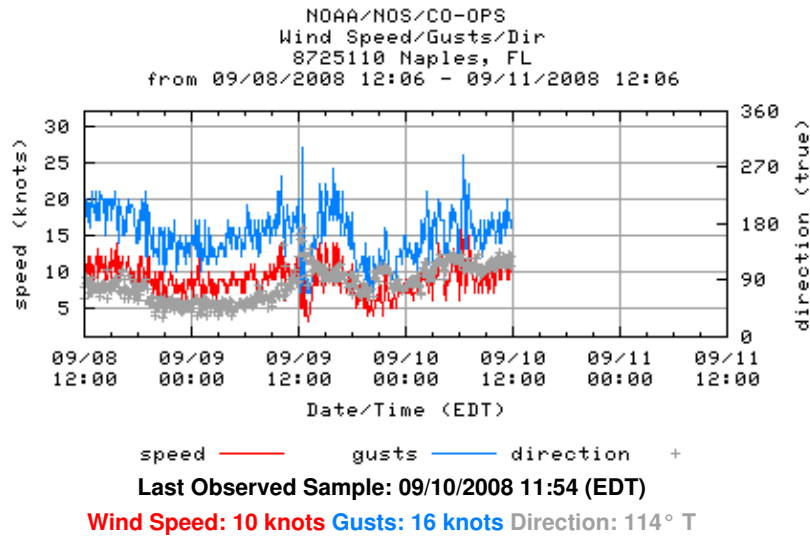


Last Observed Sample: 09/10/2008 11:54 (EDT)

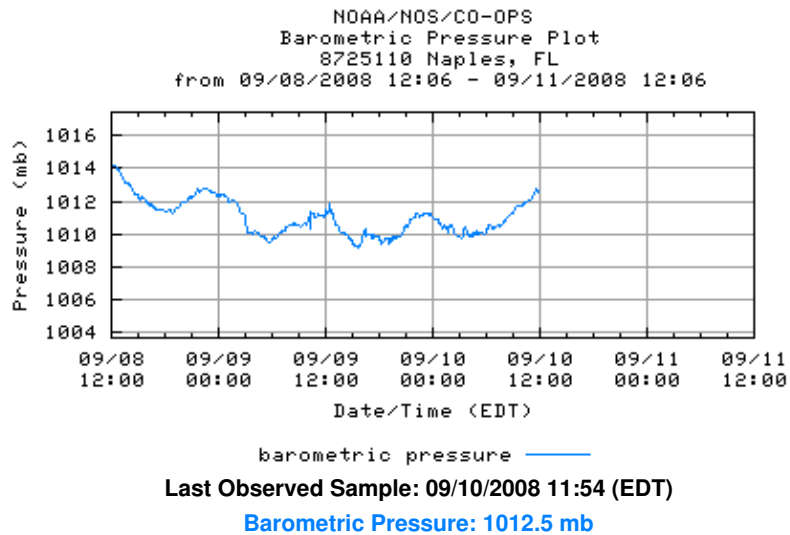
Relative to **MLLW**: **Observed: 3.90 ft. Predicted: 2.25 ft. Residual: 1.65 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

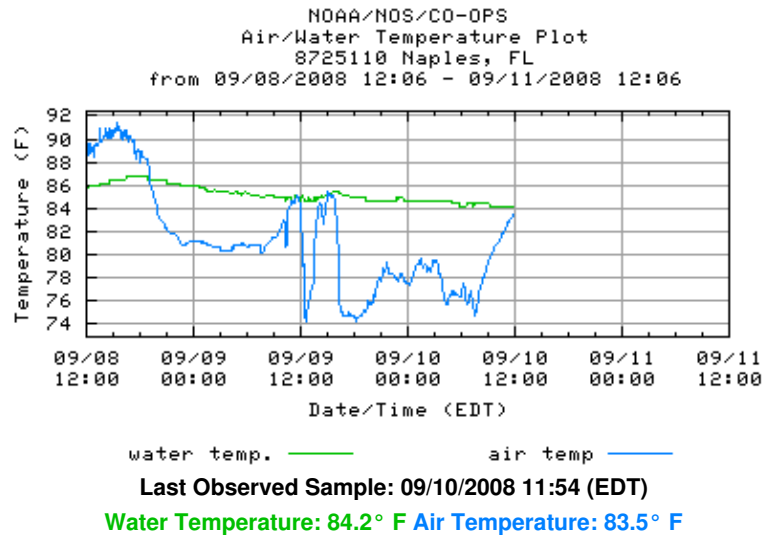
Naples, FL - Station Map [Return to List](#)



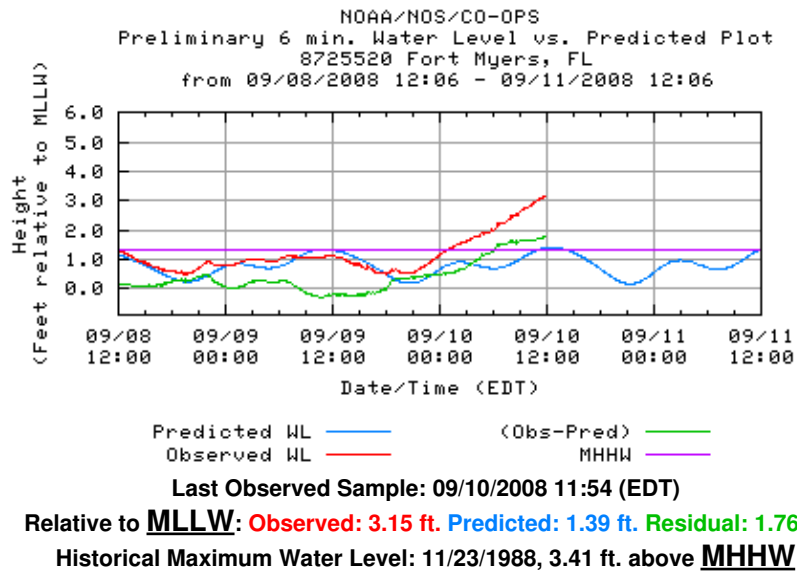
Naples, FL - Station Map [Return to List](#)



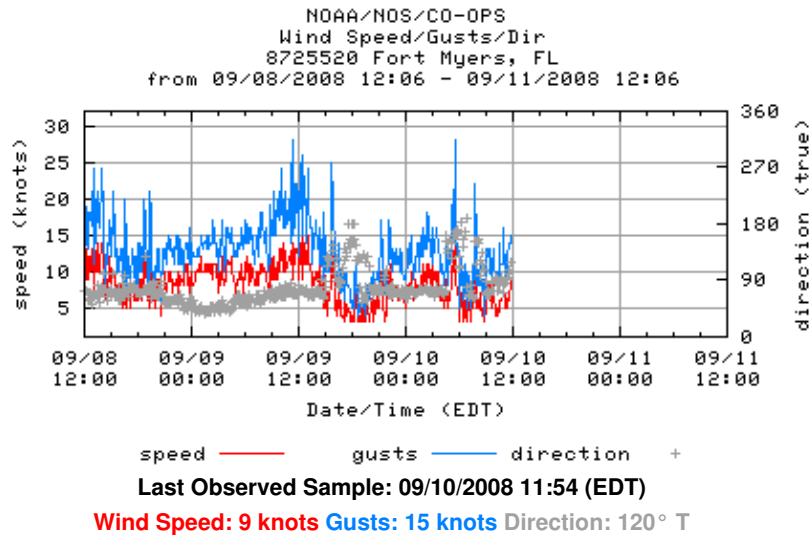
Naples, FL - Station Map [Return to List](#)



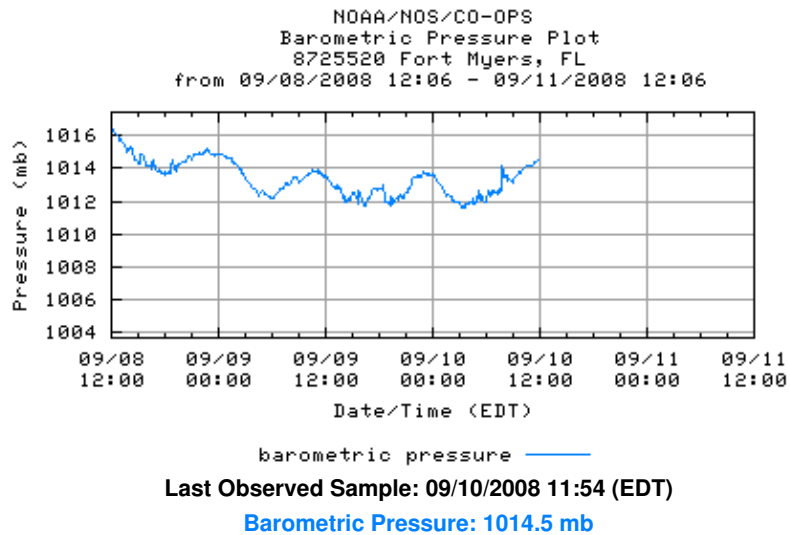
Fort Myers, FL - Station Map [Return to List](#)



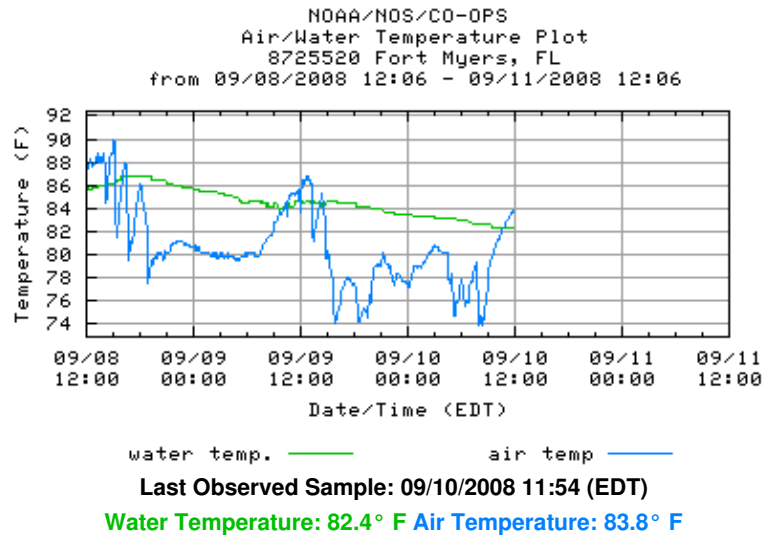
Fort Myers, FL - Station Map [Return to List](#)



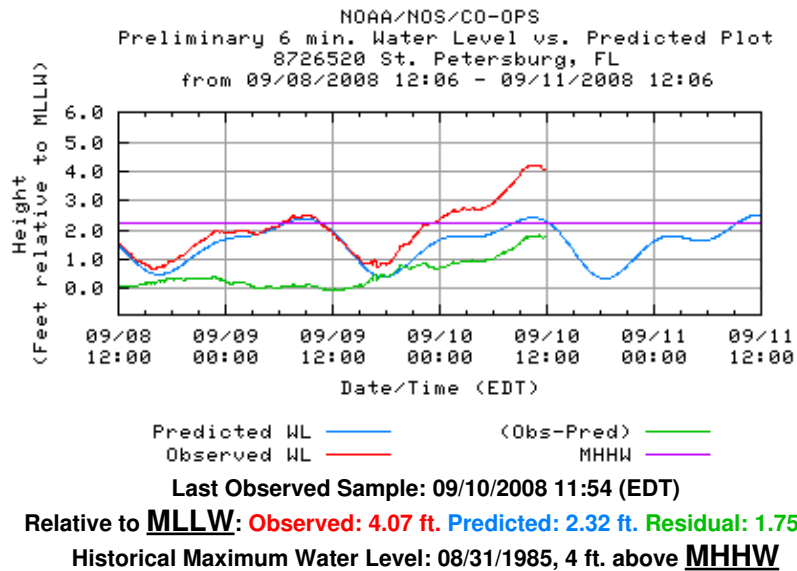
Fort Myers, FL - Station Map [Return to List](#)



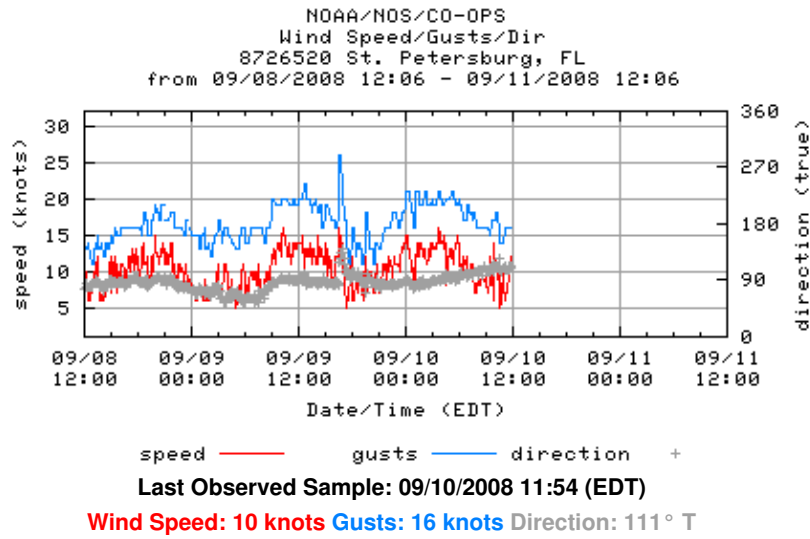
Fort Myers, FL - Station Map [Return to List](#)



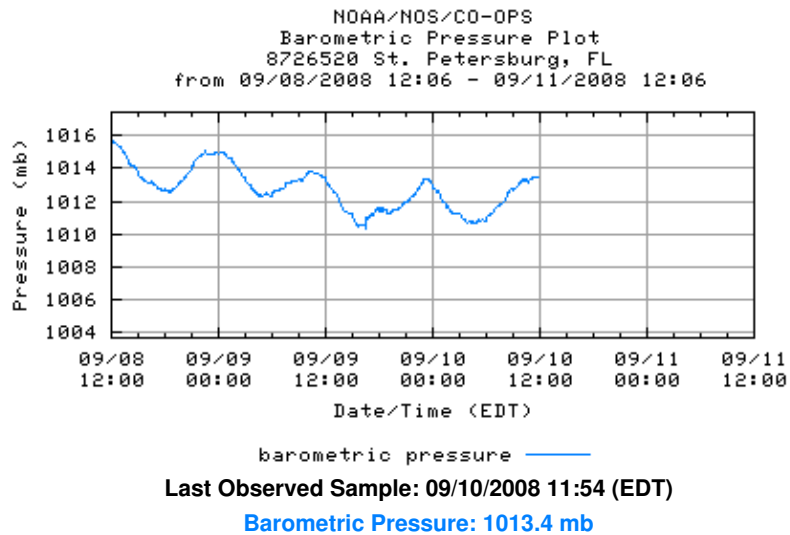
St. Petersburg, FL - Station Map [Return to List](#)



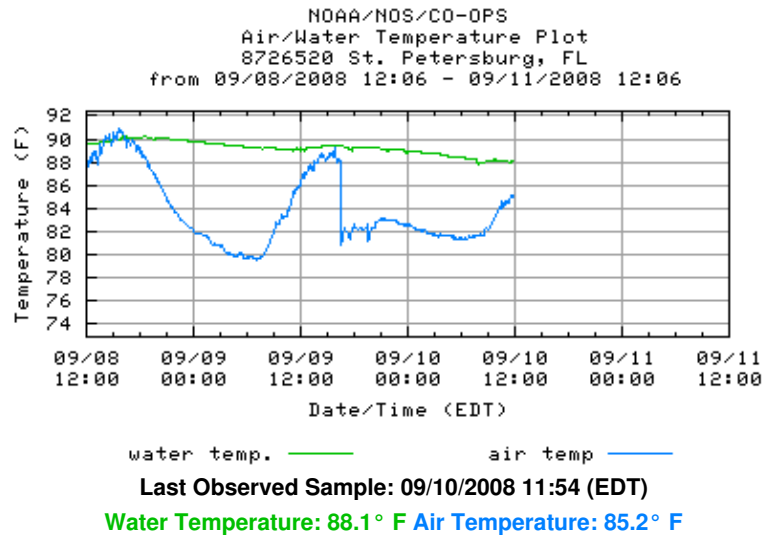
St. Petersburg, FL - Station Map [Return to List](#)



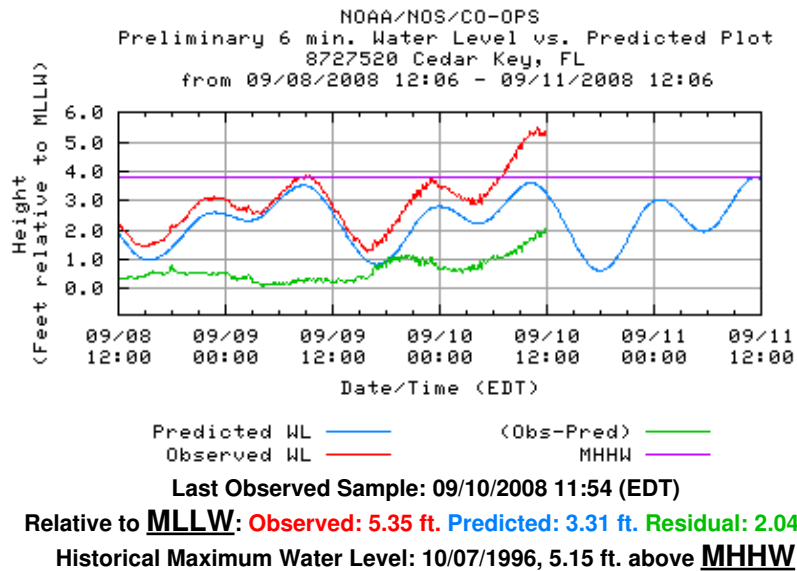
St. Petersburg, FL - Station Map [Return to List](#)



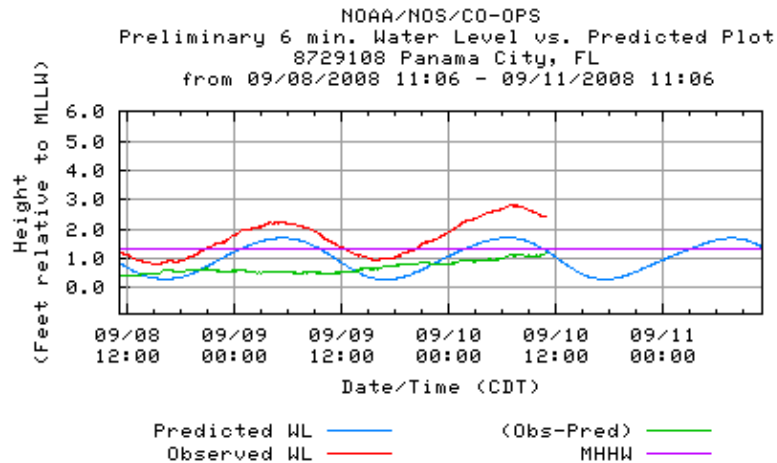
St. Petersburg, FL - Station Map [Return to List](#)



Cedar Key, FL - Station Map [Return to List](#)



Panama City, FL - Station Map [Return to List](#)

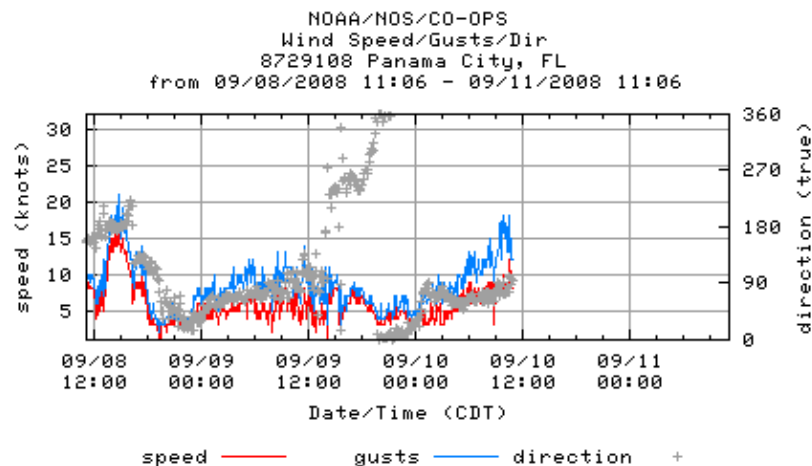


Last Observed Sample: 09/10/2008 10:48 (CDT)

Relative to **MLLW**: **Observed: 2.44 ft. Predicted: 1.28 ft. Residual: 1.16 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

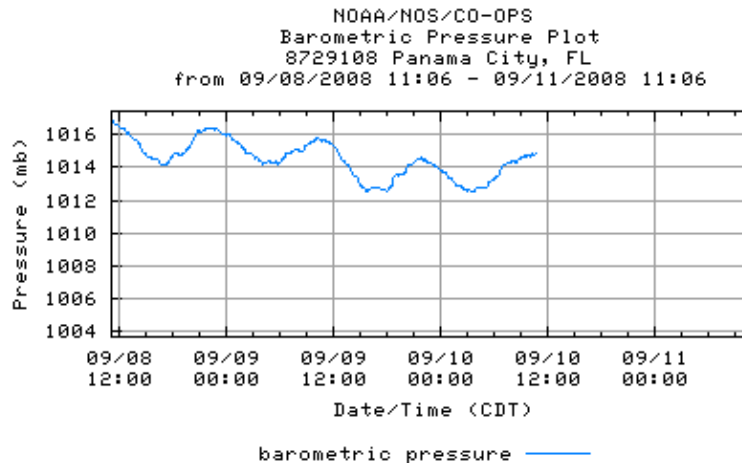
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 10:48 (CDT)

Wind Speed: 8 knots Gusts: 12 knots Direction: 095° T

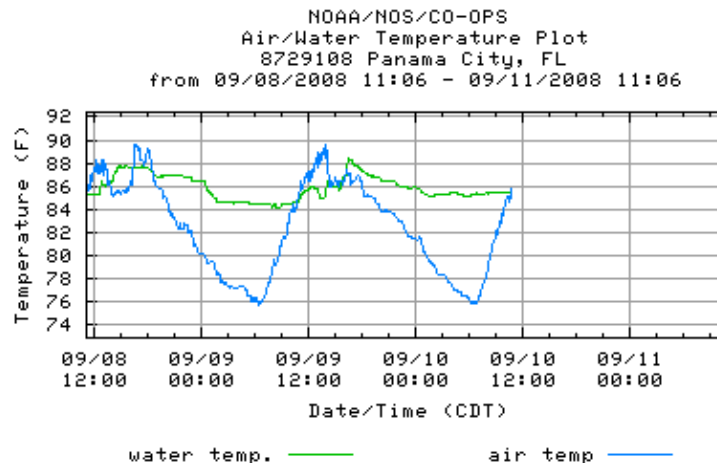
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 10:42 (CDT)

Barometric Pressure: 1014.9 mb

Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 10:42 (CDT)

Water Temperature: 85.5° F Air Temperature: 85.8° F

Hurricane IKE QuickLook, POSTED 12:00 EDT 09/10/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce